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[54] DRUG RELEASING SURGICAL IMPLANT OR DRESSING MATERIAL

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[58] Field of Search 424/422-427, 424/450, 443-444; 606/228, 230, 231

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ABSTRACT

A surgical implant or external wound dressing which functions as both a hemostat and a device to safely and effectively deliver any of a number of pharmaceuticals to targeted tissue at a controlled rate is disclosed. The device generally comprises a carrier in the form of fibers, sutures, fabrics, cross-linked solid foams or bandages, a pharmaceutical in solid microparticulate form releasably bound to the carrier fibers, and a lipid adjuvant which aids the binding of the microparticles to the fibers as well as their function in the body.

10 Claims, 3 Drawing Sheets